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Serial No. 10/606,189

Filing Date: June 25, 2003

In the Claims:

Claims 1-8 (Cancelled).

9. (Currently Amended) A radio-frequency (RF) switching device comprising:

an input/output terminal;

a plurality of RF channels connected to said input/output terminal; and

switching means for selecting one of said plurality of RF channels based upon a switching control signal, said switching means comprising

a respective control module connected to each RF channel, each control module comprising

a control input for receiving the switching control signal,

a PIN diode having a cathode connected to said input/output terminal, and an anode, and

a control transistor comprising a control terminal connected to said control input, and a first conducting terminal connected to the anode of said PIN diode, the first conducting terminal forming a common node between an intersection of an anode of a PN diode formed by the control terminal and the first conducting terminal of said control transistor and a corresponding parasitic PN diode.

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10. (Previously Presented) An RF switching device according to Claim 9, wherein said control transistor comprises a lateral PNP transistor, and the control terminal forms the base and the first conducting terminal forms the collector of said lateral PNP transistor.

- 11. (Previously Presented) An RF switching device according to Claim 9, further comprising a substrate, and wherein said switching means is formed therein so that the RF switching device is an integrated circuit.
- 12. (Previously Presented) An RF switching device according to Claim 9, wherein said input/output terminal comprises an antenna; and wherein said plurality of RF channels comprise channels dedicated to transmission and channels dedicated to reception.
- 13. (Previously Presented) An RF switching device according to Claim 12, wherein said dedicated channels support different transmission standards operating at different frequencies.
- 14. (Previously Presented) An RF switching device according to Claim 13, wherein the different transmission standards comprise at least one of a GSM, a DCS, a PCS and a WCDMA standard.
- 15. (Currently Amended) A radio-frequency (RF) switching device comprising:

an input/output terminal;

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a plurality of RF channels connected to said input/output terminal; and

a switching circuit for selecting one of said plurality of RF channels based upon a switching control signal, said switching circuit comprising

a plurality of control modules connected to said plurality of RF channels, each control module comprising

a diode having a cathode connected to said input/output terminal, and an anode, and

a control transistor comprising a control terminal for receiving the switching control signal, and a first conducting terminal connected to the anode of said diode, the first conducting terminal forming a common node between an anode of a diode formed by the control terminal and the first conducting terminal of said control transistor, and a corresponding parasitic diode.

16. (Previously Presented) An RF switching device according to Claim 15, wherein said diode comprises a PIN diode.

Claim 17 (Cancelled).

18. (Previously Presented) An RF switching device

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according to Claim 15, wherein said control transistor comprises a lateral PNP transistor, and the control terminal forms the base and the first conducting terminal forms the collector of said lateral PNP transistor.

- 19. (Previously Presented) An RF switching device according to Claim 15, further comprising a substrate, and wherein said switching circuit is formed therein so that the RF switching device is an integrated circuit.
- 20. (Previously Presented) An RF switching device according to Claim 15, wherein said input/output terminal comprises an antenna; and wherein said plurality of RF channels comprise channels dedicated to transmission and channels dedicated to reception.
- 21. (Previously Presented) An RF switching device according to Claim 20, wherein said dedicated channels support different transmission standards operating at different frequencies.
- 22. (Previously Presented) An RF switching device according to Claim 21, wherein the different transmission standards comprise at least one of a GSM, a DCS, a PCS and a WCDMA standard.
- 23. (Currently Amended) A remote terminal for operating in a wireless communication system and comprising:

an antenna;

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a plurality of RF channels connected to said antenna; and

a switching circuit for selecting one of said plurality of RF channels based upon a switching control signal, said switching circuit comprising

a plurality of control modules connected to said plurality of RF channels, each control module comprising

a diode having a cathode connected to said antenna, and an anode, and

a control transistor comprising a control terminal for receiving the switching control signal, and a first conducting terminal connected to the anode of said diode, the first conducting terminal forming a common node between an anode of a diode formed by the control terminal and the first conducting terminal of said control transistor, and a corresponding parasitic diode.

24. (Previously Presented) A remote terminal according to Claim 23, wherein said diode comprises a PIN diode.

Claim 25 (Cancelled).

26. (Previously Presented) A remote terminal according to Claim 23, wherein said control transistor

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comprises a lateral PNP transistor, and the control terminal forms the base and the first conducting terminal forms the collector of said lateral PNP transistor.

- 27. (Previously Presented) A remote terminal according to Claim 23, further comprising a substrate, and wherein said switching circuit is formed therein so that the RF switching device is an integrated circuit.
- 28. (Previously Presented) A remote terminal according to Claim 23, wherein said plurality of RF channels comprise channels dedicated to transmission and channels dedicated to reception.
- 29. (Previously Presented) A remote terminal according to Claim 28, wherein said dedicated channels support different transmission standards operating at different frequencies.
- 30. (Previously Presented) A remote terminal according to Claim 29, wherein the different transmission standards comprise at least one of a GSM, a DCS, a PCS and a WCDMA standard.
- 31. (Previously Presented) A remote terminal according to Claim 23, wherein said antenna, said plurality of RF channels and said switching circuit are configured so that the remote terminal is a mobile cellular telephone.
 - 32. (Previously Presented) A remote terminal

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according to Claim 23, further comprising a processor for providing the switching signal to said switching circuit.

33. (Currently Amended) A method for making a radiofrequency (RF) switching device comprising:

connecting a plurality of RF channels to an input/output terminal; and

connecting a switching circuit to the plurality of RF channels for selecting one of the RF channels based upon a switching control signal, the switching circuit comprising a plurality of control modules connected to the plurality of RF channels, each control module comprising

a diode having a cathode connected to the input/output terminal, and an anode, and

a control transistor comprising a control terminal for receiving the switching control signal, and a first conducting terminal connected to the anode of the diode, the first conducting terminal forming a common node between an anode of a diode formed by the control terminal and the first conducting terminal of the control transistor, and a corresponding parasitic diode.

34. (Previously Presented) A method according to Claim 33, wherein the diode comprises a PIN diode.

Claim 35 (Cancelled).

36. (Previously Presented) A method according to Claim 33, wherein said control transistor comprises a lateral PNP

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transistor, and the control terminal forms the base and the first conducting terminal forms the collector of said lateral PNP transistor.

- 37. (Previously Presented) A method according to Claim 33, further comprising a substrate, and wherein the switching circuit is formed therein so that the RF switching device is an integrated circuit.
- 38. (Previously Presented) A method according to Claim 33, wherein the input/output terminal comprises an antenna; and wherein the plurality of RF channels comprise channels dedicated to transmission and channels dedicated to reception.
- 39. (Previously Presented) A method according to Claim 38, wherein the dedicated channels support different transmission standards operating at different frequencies.
- 40. (Previously Presented) A method according to Claim 39, wherein the different transmission standards comprise at least one of a GSM, a DCS, a PCS and a WCDMA standard.